

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product: ink used to fill HP304 CL reman cartridge

Supplier: Supplies Team

Address: Sheffield Airport Business Park, Europa Link, Sheffield, S9 1 XU

Information Phone: 0114 256 6000

### 2. HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

Classification according to Regulation (EC) No1272/2008

The product is not classified according to the CLP regulation.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC Not applicable

Information concerning particular hazards for human and environment:

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

Label elements

Labelling according to EU guidelines:

Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous materials

Special labelling of certain preparations:

Safety data sheet available for professional user on request.

Other hazards

Results of PBT and vPvB assessment

PBT: not applicable

VPvB: not applicable

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization: Mixtures

Name	Cas No	Content	CLP Classification
Glycerol	56-81-5	<20%	substance with a community exposure work limit.
Butan-1-ol	71-36-3	<3%	Acute Tox. 4, H302
Ethanol	64-17-5	<3%	Flam Liq. H225
2-Pyrrolidone	616-45-5	<2%	Acute Tox. 4, H302, Skin Irrit. H315, Eye Irrit. 2, H319

The full text for all R-phrases are displayed in Section 16

### 4. FIRST AID MEASURES

**Skin contact:** Immediately wash with water and soap and rinse thoroughly.

**Eye contact:** Flush eyes thoroughly with water for 15 minutes. Seek medical attention if irritation persists.

**Ingestion:** if symptoms persist consult a doctor.

**Inhalation:** move the exposed person to fresh air. If you feel unwell seek medical advice.

### 5. FIRE FIGHTING MEASURES

Extinguishing media: use extinguishing media appropriate to the surrounding fire conditions.

Special hazards arising from the substance or mixture: no further relevant information available

Advice for firefighters:

Protective equipment: no special measures required.

Additional information: no special measures required.

### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions: not required.

Environmental precautions: Dilute with plenty of water. Do not allow to enter sewers/surface or ground water.

Clean-up procedures: absorb with liquid-binding material (sand, diatomite, sawdust). Send for recovery or disposal in suitable containers. Dispose contaminated material as waste according to item 13. Avoid use of solvents. Clean spillage area thoroughly with plenty of water. Ensure adequate ventilation.

### 7. HANDLING AND STORAGE

Precautions for safe handling: ensure adequate ventilation of the working area. Avoid contact with eyes and skin. Adopt best Manual Handling considerations when handling, carrying and dispensing.

Information about protection against explosions and fires: no special measures required.

Conditions for safe storage, including any incompatibilities: no special requirements.

Information about storage in one common storage facility: not required.

Further information about storage conditions: keep container tightly sealed.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredients with limit values that require monitoring at the workplace:

56-81-5 glycerol

WEL/ Long term value: 10mg/m<sup>3</sup>

71-36-3 butan-1-ol

WEL/ Short term value: 154 mg/m<sup>3</sup>, 50ppm

SK

64-17-5 ethanol

WEL/ Long term value: 1920 mg/m<sup>3</sup>, 5000ppm

Exposure controls:

Personal protective equipment:

General protective and hygienic measures:

Keep away from food and drink

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work

Avoid contact with eyes

Avoid contact with skin.

Occupational exposure controls: keep away from food, drink and animal food.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

General information

Appearance: liquid

Colour: Cyan, Magenta and Yellow

Odour: slight

Solubility in water: Miscible

pH value: 7.5

Relative density: 1.06g/cm<sup>3</sup>

Viscosity: 3.2 mm<sup>2</sup>/s

### 10. STABILITY AND REACTIVITY

Reactivity: stable under normal conditions

Chemical stability: stable under normal conditions

Possibility of hazardous reactions: no dangerous reactions known if used according to specifications.

Conditions to avoid: No further relevant information available.

Incompatible materials: no data is available on this product.

Haz. decomp. Products: no dangerous decomposition products known.

### 11. TOXICOLOGICAL INFORMATION

Information on toxicological effects:

Skin and Eye corrosion: may cause irritation to skin and eyes.

Toxicological information: no data available

### 12. ECOLOGICAL INFORMATION

Toxicity

Aquatic toxicity: no further relevant information available

Persistence and degradability: no further relevant information available

Behavior in environmental systems:

Bio accumulative potential: no further relevant information available

Mobility in soil: no further relevant information available

Additional ecological information:

General notes: water hazard class 1 (German regulation) (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Results of PBT and vPvB assessment

PBT: not applicable

vPvB: not applicable

Other adverse effects: no further relevant information available.

### 13. DISPOSAL CONSIDERATIONS

Waste treatment methods:

Recommendation: waste material must be disposed of in accordance with local and national regulations.

Recommended cleansing agents: water, if necessary together with cleansing agents.

### 14. TRANSPORT INFORMATION

UN- number:

DOT, ADR, ADN, IMDG, IATA: None

UN proper shipping name:

DOT, ADR, ADN, IMDG, IATA: None

Transport hazard class:

DOT, ADR, ADN, IMDG, IATA: None

Packing group:

ADR, IMDG, IATA: None

Environmental hazards

Marine pollutant: No

Special precautions for user: Not applicable

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

Transport/Additional information: Not dangerous according to the above specifications

UN "Model Regulation": -

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**15. REGULATORY INFORMATION**

Safety, health and environmental regulations/legislation specific for the substance or mixture

Directive 2012/18/EU

Named dangerous substances – Annex 1 none of the ingredients listed

**16. OTHER INFORMATION**

Risk phrases in full

H225 highly flammable liquid and vapour

H302 harmful if swallowed

H315 Causes skin irritation

H319 Causes serious eye irritation.

The information contained in this safety data sheet is provided in accordance with the requirements of the regulations. The product as contained within an inkjet cartridge and used according to normal usage, doesn't present environmental or health risks. The cartridge should be treated in such a way so as no ink spills into the environment without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of this product are outside the supplier's control, the user is responsible for ensuring that requirements of relevant legislation are complied with.

The information contained herein is for health and safety guidance only and does not constitute a specification. It is, to the best of our knowledge and belief, accurate. However since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the end user to comply with all applicable laws and regulations.

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